Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10	("20010036568" "3316167" "4719157" "58 04328").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 15:01
L14	5974	vinyl near2 (phosphonic\$5 sulfonic\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 15:01
L15	4872	14 not (electrolyt\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 15:01
L16	1102	14 not 15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 15:01
L17	1019	16 not (nation perfluoro-sulfon\$6 perfluorosulfon\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 15:55
L18	83	16 not 17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 15:02
L19	. 5	("3316167").URPN.	USPAT	OR	ON	2007/08/27 15:26
L20	814934	methacryl\$5 vinyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 15:26
L21	10103	20 near7 (sulfonat\$4 phosphonat\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR .	ON	2007/08/27 15:27
L22	19851	20 near7 (sulfonat\$4 phosphonat\$ sulfonic\$5 phosphonic\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR .	ON	2007/08/27 15:27
L23	8742	22 with monomer\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 15:28

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L24	14	23 same (nafion perfluoro-sulfon\$6 perfluorosulfon\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 15:49
L25	0	23 with ((greater increas\$4 enhanc\$4) near2 (ionic protonic proton ion))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 15:30
L26	165	trivinyl near2 (sulfonic sulfone phosphate phosphones phosphonic carboxylate carboxylic acrylate methacrylate acrylamide methacrylamide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 15:48
L33	76	26 not (nafion perfluoro-sulfon\$6 perfluorosulfon\$5 proton protonic ionic electrolyt\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 15:43
L34		26 not 33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 15:47
L35	925549	elastic elasticiz\$4 elastisiz\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 16:05
L36	910183	35 not electrolyt\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 15:48
L37	843467	vinyl acrylate acrylamide acrylamide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 15:48
L38	162366	37 near3 monomer\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 15:49
L39	51	38 same (nation perfluoro-sulfon\$6 perfluorosulfon\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ÓN	2007/08/27 16:03

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L40	30	(US-20050084727-\$ or US-20050118478-\$ or US-20070055045-\$ or US-20050147859-\$).did. or (US-4116888-\$ or US-6030718-\$ or US-6218035-\$ or US-4076604-\$ or US-4166014-\$ or US-6730363-\$ or US-5403675-\$ or US-5468574-\$ or US-6103078-\$ or US-6649703-\$ or US-6878475-\$ or US-5643689-\$ or US-6872781-\$ or US-5203982-\$).did. or (JP-2000011757-\$ or JP-2002324559-\$).did. or (JP-53060388-\$ or FR-2494702-\$ or JP-61276828-\$ or US-6090895-\$ or JP-2003082012-\$ or JP-2003217365-\$ or DE-10220818-\$ or DE-19809042-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/27 15:55
L41	2	"20050147859"	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/27 15:55
L42	0	41 and nafion	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2007/08/27 15:55
L43	1	41 and (nation perfluoro-sulfon\$6 perfluorosulfon\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 16:00
L44	63	("20010038937" "20020045085" "2004010 1731" "3313783" "3737045" "3808305" "40 21303" "4075093" "4187333" "4537668" "4 622276" "5098985" "5211984" "5218076" " 5312895" "5492996" "5599639" "5633337" "5643968" "5656386" "5674969" "6030718 " "6087032" "6096369" "6110616" "624846 9" "6368587" "6607856").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 15:58
L45	1584	"63" and (nafion perfluoro-sulfon\$6 perfluorosulfon\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 16:01
L46	8	44 and (nation perfluoro-sulfon\$6 perfluorosulfon\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 16:01
L47	631	35 with 38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 16:03

1.40	(20	47 (first - 4: (11 h - +)	TIC DODIED	OB	ON	2007/09/27 16:05
L48	629	47 not (fuel adj (cell battery))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 16:05
L49	2	47 not 48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 16:04
L50	1076756	elastic elasticiz\$4 elastisiz\$4 elasticity	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 16:05
L51	1073106	50 not (fuel adj (cell battery))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 16:05
L52	3650	50 not 51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ÓR	ON	2007/08/27 16:05
L53	565	52 and (50 with (membrane electrolyt\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 16:05
L54	0	53 and 48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 16:06
L55	4	53 and (50 with vinyl)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 16:06
S1	9235	jsr-\$.as.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:44
S2	1004	S1 and (crosslink\$4 cross-link\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:45

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S3	707	S2 and groups	US-PGPUB;	OR	ON	2007/08/23 17:45
			USPAT; USOCR; EPO; JPO; DERWENT			
S4	403	S2 and groups!	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:45
S5	351	S4 not (electrolyt\$ polyelectrolyt\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:45
S6	52	S4 not S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:48
S7	1	2003-700373.NRAN.	DERWENT	OR	ON	2007/08/23 17:50
S8	742876	(MORE TWO THREE "2" "3" PLURAL\$4 MULTIPLE MULTIPLICITY MULTIFUNCTIONAL\$5 MULTI-FUNCTIONAL\$5 POLYFUNCTIONAL\$5 POLY-FUNCTIONAL\$5 (GROUPS! UNSATURAT\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:51
S9	815501	(MORE TWO THREE "2" "3" PLURAL\$4 MULTIPLE MULTIPLICITY MULTIFUNCTIONAL\$5 MULTI-FUNCTIONAL\$5 POLYFUNCTIONAL\$5 POLY-FUNCTIONAL\$5) NEAR4 (GROUPS! UNSATURAT\$4 VINYL (ETHYLENICALLY ADJ UNSATURAT\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 17:53
S10	9240	S9 same (crosslink\$4 cross-link\$4 (cross adj link\$4))	EPO; JPO; DERWENT	OR	ON	2007/08/23 18:00
S11	9050	S10 not (electrolyt\$4 polyelectrolyt\$4)	EPO; JPO; DERWENT	OR	ON	2007/08/23 18:00
S12	190	S10 not S11	EPO; JPO; DERWENT	OR	ON	2007/08/23 17:54
S13	535805	divinyl polyvinyl trivinyl trimethacryl\$6 dimethacryl\$6 bimethacryl\$6 tri-methacryl\$6 di-methacryl\$6 bi-methacryl\$6 polymethacryl\$6 poly-methacryl\$6 dvb divinylbenzene "divinyl benzene"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 19:27
S14	10049	S13 same (crosslink\$4 cross-link\$4 (cross adj link\$4))	EPO; JPO; DERWENT	OR	ON	2007/08/23 19:32
S15	9759	S14 not (electrolyt\$4 polyelectrolyt\$4)	EPO; JPO; DERWENT	OR	ON	2007/08/23 19:32

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S16	290	S14 NOT S15	EPO; JPO; DERWENT	OR	ON	2007/08/23 18:00
S17	460	S16 S12	EPO; JPO; DERWENT	OR	ON	2007/08/23 18:00
S18	1	1978-31300A.NRAN.	DERWENT	OR	ON	2007/08/23 18:58
S19	1	1982-57747E.NRAN.	DERWENT	OR	ON	2007/08/23 19:15
S20	1	"6090895".PN.	DERWENT	OR	ON	2007/08/23 19:15
S21	2	"6090895".PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/08/23 19:15
S22	31	("4468503" "4879338" "5256181" "5414117" "5438082" "5459228" "5468574" "5530066" "5627292" "5691081" "5721328" "5741408").PN. OR ("6090895").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 19:15
S23	858	S22 AND13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 19:27
S24	7	S22 AND S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/23 19:27
S25	59124	S13 same (crosslink\$4 cross-link\$4 (cross adj link\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 19:32
S26	50955	S25 not (electrolyt\$4 polyelectrolyt\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 19:32
S27	8169	S25 NOT S26	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 19:32
S28	7644	S27 NOT (FUEL ADJ (CELL BATTERY))	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 19:33
S29	525	S27 NOT S28	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 19:33
S30	· 525	S29 NOT S17	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 19:33

S31	223	("2852554" "3498844" "3507702 "3528858" "3623913" "3808534"		OR	ON	2007/08/23 19:41
		•	•	1	ļ	
		"3823358" "3964930" "3969145"		1		
		"3975913" "4024036" "4035551"	•			
		"4130693" "4142024" "4178418"	•			
		"4185131" "4192906" "4219443"	1			·
		"4276355" "4287232" "4435252"				1
		"4463065" "4469579" "4476198"				
•		"4478917" "4500612" "4510211"				
		"4562124" "4598028" "4629537"	, ,			1
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		"4686158" "4702971" "4724191"	'			
		"4728584" "4749632" "4755376"				
		"4767518" "4769297" "4770955"				
		"4795536" "4797185" "4797190"				
	•	"4804592" "4816036" "4818637"				
		"4818735" "4824741" "4826741"				
.		"4826742" "4847172" "4849253"	i i			,
		"4851303" "4863813" "4876115"				
1		"4883497" "4894355" "4927793"				
		"4943494" "4948680" "4973531"				
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		"5049459" "5059497" "5069987"	•			
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		"5122425" "5130210" "5132193"		İ		
		"5143801" "5149601" "5154987"				
		"5162167" "5164060" "5169731"				
		"5176967" "5186806" "5187025"				
		"5188910" "5190834" "5192627"				
ł		"5200278" "5200279" "5213911"				
		"5217822" "5219673" "5223353"	•			
		"5232794" "5234722" "5234777"	•			
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		"5242764" "5244753" "5246792"				
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		"5262249" "5264299" "5266419"				
		"5266421" "5270131" "5272017"				
		"5273838" "5279906" "5281490"				
		"5286579" "5290323" "5290642"	j l	Ì		
ĺ		"5292599" "5292600" "5298235"				
ļ	•	"5302269" "5304430" "5306574"	•			
		"5308712" "5312700").PN. OR	'			
		("5316869" "5316871" "5330859"	, ₁			
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		"5330860" "5336570" "5338622"				
		"5342704" "5342705" "5344721"				
		"5346780" "5350641" "5350643"				
		"5354626" "5356728" "5356730"				
		"5358620" "5358735" "5358799"		1		
ļ		"5364711" "5366818" "5368951"				
		"5372895" "5372896" "5385792"		· ·		
ĺ		"5395704" "5395705" "5403461"				
		"5403675" "5407758" "5449697"	,			
		"5470671" "5500292" "5523175"				
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		"5523177" "5525436" "5532072"		1		
		"5534362" "5547777" "5561202"				
		"5607785" "5624769" "5639516"		1		
		"5654109" "5707755").PN. OR		1		
		("6030718").URPN.		1		J

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S32	25375	NAFION "ethanesulfonyl fluoride" PERFLUORO PERFLUOROSULFON\$6	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 19:41
S33	60	S31 AND S32	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 19:42
S34	1	"6030718".PN	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 19:42
S35	. 0	S34 AND S32	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 19:43
S36	295	S29 NOT S32	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/23 19:43
S37	230	S29 NOT S36	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 09:09
S38	1	"5605770".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 09:26
S39	2	"53029291"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 09:39
S40	14991	trimethacryl\$4 tri-methacryl\$4 trivinyl	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 09:40
S41	14931	S40 not (perfluoro-sulfon\$4 perfluorosulfon\$4 nafion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 09:47
S42	. 60	S40 not S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 09:47
S43	3966	monomer near5 (sufonic\$5 sulfonat\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 09:47
S44	3789	S43 not (perfluoro-sulfon\$4 perfluorosulfon\$4 nafion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 11:02

S45	177	S43 not S44	US-PGPUB; USPAT;	OR	ON	2007/08/27 09:47
			USOCR; EPO; JPO; DERWENT			
S46	21	("4468503" "4879338" "5256181" "5414117" "5438082" "5459228" "5468574" "5530066" "5627292" "5691081" "5721328" "5741408" "6090895").PN. OR ("6649703").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 10:05
S47	69	521/27.ccls. and S43	US-PGPUB; USPAT; USOCR	OR ·	ON	2007/08/27 10:06
S48	28781	(phosphonic adj acid)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 10:07
S49	1823	S48 near2 (vinyl)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 10:07
S50	1791	S49 not (fuel adj cell\$1)	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 10:09
S51	. 32	S49 not S50	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 10:08
S52	27954	vinyl near1 (acid\$1 phosphonic sulfonic carboxylic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 11:05
S53	27793	S52 not (fuel adj cell\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/08/27 10:09
S54	161	S52 not S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2007/08/27 10:10
S55	23	("3265536" "4024036" "4089816" "4179491" "4306774" "4380575" "4594297" "4664761" "5272017" "5316871" "5425865").PN. OR ("5643689").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 10:18

S56	49463	vinyl near2 (acid\$1 phosphonic sulfonic carboxylic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 11:02
S57	2	S54 SAME (perfluoro-sulfon\$4 perfluorosulfon\$4 nafion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 11:03
S58	31	S56 SAME (perfluoro-sulfon\$4 perfluorosulfon\$4 nafion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR ·	ON	2007/08/27 11:07
S59	50111	vinyl near2 (acid acidified sulfonic\$5 sulfonat\$4 phosphon\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 11:06
S60	71	S59 SAME (perfluoro-sulfon\$4 perfluorosulfon\$4 nafion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 11:07
S61	40	S60 not S58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 11:08
S62	7969	S59 near5 monomer\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 11:08
S63	7812	S62 not ((electrochemical fuel) adj (cell battery))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 11:08
S64	4121	S62 not "26"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 11:08
S65	157	S62 not S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 11:09

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S66	156	S65 not S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 11:09
S67	23	("3265536" "4024036" "4089816" "4179491" "4306774" "4380575" "4594297" "4664761" "5272017" "5316871" "5425865").PN. OR ("5643689").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/08/27 11:13
S68	1361	monomer\$2 with (ionomer proton\$3 nafion pefluorosulfon\$5 perfluoro-sulfon\$5) with (composite mixture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 11:14
S69	61	S68 and (monomer\$4 near7 S59)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 12:38
S70		"893165"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 12:38
S71	2	"6368587".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/08/27 14:24

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